

What Is Claimed Is:

1. A combined splint and cast for immobilizing the injured body part due to fracture, ligament rupture, dislocation or the like, the combined splint and
5 cast comprising:
 - a foot fixing member including the upper foot fixing member and the lower foot fixing member which form a pair for immobilizing the region from the sole (metatarsal bones) to a portion above the ankle (below the soleus muscle);
 - a connecting member including the upper connecting member and the
10 lower connecting member which form a pair for immobilizing the region from the ankle to the portion below the knee; and
 - a knee fixing member for immobilizing the region from the knee to the middle portion of the femur,
- wherein the foot fixing member, the connecting member and the knee
15 fixing member can be used individually or cooperatively by being coupled to each other by means of bolts.
2. The combined splint and cast as defined in claim 1, wherein the foot fixing member, the connecting member and the knee fixing member are
20 injection molded.
3. The combined splint and cast as defined in claim 1, wherein the lower foot fixing member of the foot fixing member includes:
 - a vertical wall in which the sole is seated;
 - 25 a horizontal wall in which the heel and the ankle are seated for surrounding the foot together with the vertical wall by being bent from the vertical wall;

a plurality of holes formed at the front portion of the horizontal wall such that the connecting member is inserted into the lower foot fixing member up to the front portion of the horizontal wall and the connecting member is coupled to the lower foot fixing member with bolts inserted through the bolt holes;

5 a plurality of holes formed at opposite lateral sides of the vertical wall and the horizontal wall;

a buffering material arranged in the inner face thereof for wrapping the foot; and

a fastener tape with one end fixed to any one of the holes and the other end
10 fixed to the upper foot fixing member which is formed in such a manner as to cover the top of the foot and be coupled to the vertical wall for adjusting the contact condition between the upper foot fixing member and the lower foot fixing member.

15 4. The combined splint and cast as defined in claim 1 or 3, wherein the upper foot fixing member of the foot fixing member is used in cooperation with the lower foot fixing member when being used on the foot, and includes:

a round part in a close contact with the top of the foot;

a buffering material arranged in the inner face thereof for softly wrapping
20 the top of the foot;

a plurality of ventilation holes formed on the inner peripheral surface thereof for allowing air circulation; and

a plurality of holes formed on both lateral sides of the middle portion thereof for being fastened by the other end of the fastener tape fixed to the lower
25 fixing member.

5. The combined splint and cast as defined in claim 1, wherein the lower connecting member of the connecting member is adapted to wrap the region from the ankle to a portion below the knee, and includes:

a buffering material arranged in the inner face thereof;

5 a plurality of bolt holes formed at the front and rear surfaces thereof at equal intervals for allowing length adjustment and fastened to one end of the foot fixing member with bolts;

a plurality of ventilation holes formed at opposite lateral sides on the inner peripheral surface thereof in a longitudinal direction;

10 a plurality of holes formed at the opposite lateral sides of the front and rear portions thereof; and

a fastener tape with one end fixed to any one of the holes and the other end inserted into a remaining one of the holes for securely wrapping the tibia and the fibula.

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6. The combined splint and cast as defined in claim 1 or 5, wherein the upper connecting member of the connecting member includes:

a buffering material arranged in the inner face thereof for wrapping the upper portion of the tibia and the fibula;

20 a plurality of ventilation holes formed at the opposite lateral sides on the inner peripheral surface thereof in a longitudinal direction for allowing smooth air circulation; and

a plurality of holes formed at both sides of the front and rear portions of the upper connecting member for being fastened by the other end of the fastener tape

25 which is fixed to the lower connecting member.

7. The combined splint and cast as defined in claim 1, wherein the knee fixing member is positioned beneath the knee, and includes:

a buffering material arranged in the inner face thereof for immobilizing the knee;

5 a plurality of bolt holes formed at the front portion thereof such that the rear portion of the connecting member is coupled to the knee fixing member with bolts inserted through the bolt holes;

a plurality of holes formed at both sides of the front and rear portions thereof; and

10 a fastener tape with one end fixed to any one of the holes and the other end coupled with an opposed one of the holes for securely wrapping the knee.